

Technical Talk on “Pushing the Limits of Geotechnical Techniques”

(Organized by Geotechnical Engineering Technical Division IEM)

Date : 24th September 2019 (Tuesday)
Time : 5.30pm to 7.30pm
Venue : Puteri Ballroom 1, Four Points by Sheraton, Puchong
Speaker : Mr Thomas Jousselein & Mr. Jean-François Mosser

BEM Approved CPD/PDP Hours: 2
Ref Number: IEM19/HQ/468/T

SYNOPSIS

Grand Paris Express is arguably the largest transportation project in Europe. This project consists of 4 additional MRT lines, 200 km of new railway lines and 68 underground stations around Paris. A lot of advancements in geotechnical techniques have been developed for the Grand Paris project to meet the stringent project requirements and to meet the construction schedules. The first part of the presentation will focus on some of the latest geotechnical techniques that have been developed by world leader of foundation and soil technologist – Bachy Soletanche, to push the limits of the existing geotechnical techniques. The second part of the presentation will feature a number of case studies from Grand Paris Express and other projects to show the benefits / advantages of the advancement of technologies including improvement on Hydrofraise equipment method to control diaphragm wall verticality and increase the productivity in challenging soil formation, use of post tension technology in diaphragm walls, design & construct of unreinforced concrete circular shafts for MRT, new drilling techniques with sonic resonance technology and data management system for geotechnical application.

**REGISTRATION
STRICTLY VIA
ONLINE ONLY.**

SPEAKER'S BIODATA

Thomas Jousselein graduated with Master of Science and Engineering in Mines de Paris Engineering School, France. He has more than 20 years experience in construction, including 15 years of experience in Geotechnical Engineering, working for Soletanche Bachy. He started his career in the corporate Design Office, in charge of design of retaining walls, foundations and landslide stabilization. He then moved to the southeast of France to be a regional design engineer, and then to the United States where he was in charge of the engineering department of the American subsidiary of SOLETANCHE and was a member of the slurry wall committee of the Deep Foundations Institute. He is currently the Director of Methods and Experts department of Soletanche Bachy, in charge of centralizing and sharing the group knowledge on the full range of geotechnical techniques.

Jean-François Mosser graduated with Master of Science and Engineering in Mines de Paris Engineering School, France. He has more than 15 years of experience in Geotechnical Engineering, working for Soletanche Bachy. He started his career in its Design Office, in charge of design of retaining walls and foundations like the underpinning of Palais de Tokyo in Paris and several underground car parks in France. He is currently the Director of Research and Development of Soletanche Bachy, leading Hydrofraise with grippers project. He is the President of the Soils Committee of the French National Federation of Public Works (FNTP in French) in charge of Federation's R&D actions.

FEE ANNOUNCEMENT

(Effective: 1st October 2017)

Members:

- (i) Registration Fee: No Charge
- (ii) Administrative Fee:
 - (a) Online RM15

Non-Members:

- (i) Registration Fee: RM50
- (ii) Administrative Fee: RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- To secure your seat, kindly register online at www.myiem.org.my

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CPD Hours Validation:

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Membership No.:

Signature:

Ir. Sin Peng Tean
Chairman,
Geotechnical Engineering, Technical